FireFlink Introduction

The Shift to automation

From Waterfall to agile:

We have moved from long release cycles(12-16 months) with manual testing to agile practices with releases every 4-6 weeks. This shift makes manual testing difficult, driving the need for automation.

Regression Testing:

Testing existing features, or regression testing, is tedious and time consuming. Automation provides a solution to this challenge, ensuring through testing without frustration.

When we get a new piece of software, do we test only the new functionalities, or do we also test the existing functionality.

Traditional Test automation challenges :

1.Programming Language Barrier:

Learning programming languages like Java,python, or C# is challenging, especially for fulltime workers, hindering the transition to automation.

2.Multiple tools required:

Traditional automation requires multiple tools and programming languages for different application types(web, Mobile, API), adding complexity.

3. Lack of GUI:

Traditional automation tools like Selenium lack a graphical user interface(UI), making code writing more difficult for users.

The Rise of Rapid Agile

1. Agile Limitations:

Agile practices face challenges in achieving automation with traditional tools due to time constraints.

2. Rapid Agile:

The industry is shifting to rapid agile with releases every 7-10 days, making manual and traditional automation impossible.

3. Testing Crisis:

Without tim for testing, software is released with issues, leading to a need for new solutions.

In agile itself we used to face a lot of challenges in automation using traditional automation tools. Then, do you think we can practice traditional automation in rapid agile?

Scriptless Automation Tools:

Addressing the Challenges:

To address the limitations of traditional automation in rapid agile, the industry is shifting towards Scriptless automation tools.

Available Options:

Many Scriptless test automation tools are available, including Test Sigma,Test complete,Tosca, and Fireflink.

Focus on Fireflink:

Today, we will focus on learning Fireflink, a leading AI-based scriptless automation platform.

Why Fireflink?

AI-Powered:
Fireflink is an AI-based scriptless test automation platform, leveraging the latest technology for faster automation.

One Stop solution:
Fireflink is a comprehensive solution for all testing needs, including manual test case management and defect management.

Complete Testing:
Fireflink supports repository building, execution report generation, and everything needed for thorough testing.

AI in Testing:

AI in Development:
Developers use AI tools like ChatGPT to generate code, increasing efficiency and reducing development time.

AI for testers:
Test engineers need AI-based tools to achieve faster test automation, mirroring the advancements in development.

Fireflink's Advantage:
Fireflink is not just scriptless; it's AI-powered, providing a significant advantage in the testing industry.

FireFlink: A complete Testing Platform:

1.Scriptless Automation: Automate tests without writing code

2.Manual Test Management: Manage Manual test cases efficiently
3.Defect Management:Track and resolve defects seamlessly

Fireflink is a one-stop solution for all your testing needs. In Fireflink we not only support writing automation scripts, but we do support Manual test case management, defect management, repository building, execution report generation, and everything needed for testing. This concludes the scope for scriptless automation and also for fireflink in the testing industry.